

Attorney Docket No. P67564US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: HIPFEL et al.

Application No.: 10/501,814

Filed: July 19, 2004

For: DIAGNOSTIC AND THERAPEUTIC USE OF THE VOLTAGE-GATED ION CHANNEL
SCN2A FOR NEURODEGENERATIVE DISEASES

TRANSMITTAL

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith please find:

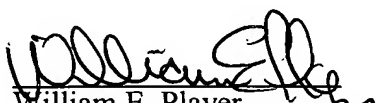
- ☒ Response/Statement Under 37 CFR 1.821(g), PTO Notice (copy), CRF of Sequence Listing, inventorship declaration, and small entity declaration.
- ☐ Petition for extension of time
- ☐ Fee payment ☐ Payment Form PTO-2038 (credit card) for \$ is attached.
- ☐ Charge \$ * to Deposit Account No. 06-1358.
- ☒ Small entity status established in connection with the subject application.

| Fee Calculation | | | | | |
|--|--------------|---------------------|---------------|------------------|------------------|
| Excess Claims | | | | | |
| | Nº of Claims | Highest Nº Paid For | Excess Claims | Small Entity Fee | Large Entity Fee |
| Total | * | ⊖ * = | 0 | ⊗ \$9 = \$ | ⊗ \$18 = \$ |
| Ind. | * | ⊖ * = | 0 | ⊗ \$44 = \$ | ⊗ \$88 = \$ |
| [] Multiple Dependent Claims (1 st Filing) | | | | ⊕ \$150 = | ⊕ \$300 = \$ |
| Basic filing fee | | | | \$ 385 | \$770 |
| Surcharge-late declaration | | | | \$ 65 | \$130 |
| Surcharge- English translation | | | | \$ 130 | \$130 |
| Total Fee Due | | | | ?? | ?? |

- ☒ If a petition for extension of time is necessary, but not enclosed, then this acts as the petition. Charge any fees additionally necessary in connection herewith to Deposit Account No. 06-1358.

JACOBSON HOLMAN PLLC
400 Seventh Street, N. W.
Washington, D.C. 20004-2201
Tel. (202) 638-6666
Fax (202) 393-5350
Date: May 11, 2005

By


 William E. Player
 Registration No. 31,409

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: HIPFEL et al.

Application No.: 10/501,814

Filed: July 19, 2004

For: DIAGNOSTIC AND THERAPEUTIC USE OF THE VOLTAGE-GATED ION CHANNEL
SCN2A FOR NEURODE-GENERATIVE DISEASES

RESPONSE/STATEMENT UNDER 37 CFR 1.821(g)

Mail Stop Sequence
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the PTO notice in connection 37 CFR 1.182(g), a copy of which notice is attached, hereto, submitted herewith is:

- computer readable form (CRF) of Sequence Listing.

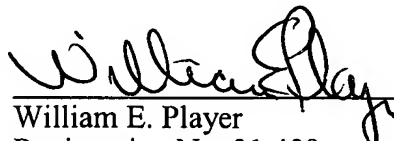
The content of the CRF and the paper copy of the Sequence Listing of record are the same and includes no new matter.

Favorable action is requested.

Respectfully submitted,

JACOBSON HOLMAN PLLC

By


William E. Player
Registration No. 31,409

400 Seventh Street, N.W.
Washington, D.C. 20004
Tel: (202) 638-6666
Fax: (202) 393-5350
Date: May 11, 2005
WEP/bad



DJC
3/17/05
UNITED STATES PATENT AND TRADEMARK OFFICE
TC 3-17-05

(WEP)

P67564US

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

| | | |
|-----------------------------|-----------------------|------------------|
| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
| 10/501,814 | Rainer Hipfel | P67564US1 |

00136
 JACOBSON HOLMAN PLLC
 400 SEVENTH STREET N.W.
 SUITE 600
 WASHINGTON, DC 20004

JACOBSON HOLMAN PLLC

Response Due On Or Before

5 / 11 / 05
 Month Day Year

| | |
|-------------------------------|---------------|
| INTERNATIONAL APPLICATION NO. | |
| PCT/EP03/00400 | |
| LA. FILING DATE | PRIORITY DATE |
| 01/16/2003 | 01/17/2002 |

CONFIRMATION NO. 4911

371 FORMALITIES LETTER



OC000000015390053

Date Mailed: 03/11/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 07/19/2004
- Copy of the International Search Report filed on 07/19/2004
- Copy of IPE Report filed on 07/19/2004
- Preliminary Amendments filed on 07/19/2004
- Biochemical Sequence Listing filed on 07/19/2004
- Request for Immediate Examination filed on 07/19/2004
- U.S. Basic National Fees filed on 07/19/2004
- Priority Documents filed on 07/19/2004

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

The following items **MUST** be furnished within the period set forth below:

- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):
 - A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e) and PCT Rule 13ter.1(a)(ii).
 - APPLICANT MUST PROVIDE:
 - An initial or substitute computer readable form (CRF) of the "Sequence Listing."
 - A statement that the contents of the paper or compact disc and the computer readable form are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e),

1.821(f), 1.821(g), 1.825(b) or 1.825(d).

- For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:
 - For Rules Interpretation, call (703) 308-4216
 - To Purchase PatentIn Software, call (703) 306-2600
 - For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

CHARITTA A BURT

Telephone: (703) 308-9140 EXT 207

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/501,814 | PCT/EP03/00400 | P67564US1 |

FORM PCT/DO/EO/905 (371 Formalities Notice)